Database - Bug #2199

ambiguity warnings too aggressively disabled

10/31/2013 12:29 PM - Ovidiu Maxiniuc

Status:	New		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				
billable:	No		**case_num:**	
vendor_id:	GCD		**version:**	
Description				
Related issues:				
Related to Database - Feature #2116: add runtime support for _user metadata t...			**Closed**	

History

#1 - 10/31/2013 12:59 PM - Ovidiu Maxiniuc

Because the ambiguity warning level is to low, P2J will force conversion of some pieces of code that that are not P4GL valid.

Having two tables with the same name, defined in two different databases with different schema with a common field. The conversion of following code

```
FIND FIRST db1.customer.
MESSAGE name.
FIND FIRST db2.customer.
MESSAGE name.
```

is successful, but the generated code is forces the disambiguation using the 1st record buffer:

```
new FindQuery(customerBuf2, (String) null, null, "customerBuf2.id asc").first();
message((character) new FieldReference(customerBuf2, "name").getValue());
new FindQuery(customer, (String) null, null, "customer.name asc, customer.address desc").first();
message((character) new FieldReference(customerBuf2, "name").getValue());
```

Even if the generated code looks logic, one would expect to print the name field from the table of the second database. This is probably why P4GL has chosen to issue a compile-time error (Error 1762: name is ambiguous with db1.customer.name and db2.customer.name) when detecting such cases.

#2 - 11/15/2013 01:17 PM - Ovidiu Maxiniuc

I believe the following test-case is related:

This is a P4GL valid code (temp-table book 'hides' the book table form p2j_test) but fails to convert correctly on P2J:

```
define temp-table book
   field name as char
   field address as int
   field book-title as decimal.

create book.
assign book.name = "k"
       book.address = -10
       book.book-title = 10.8.
display book with side-labels.

find first p2j_test.book.
display p2j_test.book.
```

#3 - 11/27/2013 11:25 AM - Eric Faulhaber

- Parent task deleted (#2116)